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CASE 4-30353B



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1633

GIACOBINO ET AL.

Examiner: Kaushal, S.

APPLICATION NO: 10/627,768

FILED: JULY 25, 2003

FOR: UNCOUPLING PROTEIN HOMOLOGUE:UCP3

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The listed references AM to BC are of record in parent Application No. 09/423,410 filed November 4, 1999 and copies are available therein. However, applicants are willing to send copies of any or all of these references at the Examiner's request.

Application No. 09/423,410 has issued as Patent No. 6,620,594B1 and is enclosed as reference AA.

Also, copies of the other cited references (BD – BU) are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,



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Date:

2/4/04

(Use several sheets if necessary)

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APPLICATION NO.  
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Group  
1633

EXAMINER

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

AU	Fleury et al., UCP2, Emhum Database entry HSU76367, Accession number U76367 (1997)
AV	Hillier et al., EMEST Database entry Hsaa98452, Accession number AA192136 (1997)
AW	Marra et al., EMEST Database entry Mmaa8362, Accession number AA108362 (1996)
AX	Millet et al., J. Clin. Invest. Vol. 100, No. 11, pp. 2665-2670 (1997)
AY	Liu et al., Gene 207, pp. 1-7 "Uncoupling protein-3; a muscle-specific gene upregulated by leptin in ob/ob mice(1998)
AZ	Boss et al., Eur. J. Endocrinol. (in press) pp. 1-26
BA	Eck et al., 1996, In Goodman & Gilman's The Pharmacological Basis of Therapeutics, Ninth edition, McGraw-Hill, New York, pp. 77-101
BB	Alberts, et al. 1994, Molecular biology of the Cell, Garland Publishing, New York, NY
BC	Vidal-Puig et al., June 9, 1997, Biochem Biophys res. Com. 235: 79-82
BD	Boss et al., The Lancet, Vol. 351, page 1933, June 27, 1998, Uncoupling protein-3 expression in skeletal muscle and free fatty acids in obesity
BE	Boss et al., European Journal of Endocrinology, "The uncoupling proteins, a review", No.139, pp 1-9 (1998)
BF	Boss et al., The Journal of Biological Chemistry, Vol. 273, No. 1, Issue of January 2, pp. 5-8 (1998)
BG	Hinz et al., FEBS Letters 462, pp 411-415 "Properties of the human long and short isoforms of the uncoupling protein-3 expressed in yeast cells" (1999),
BH	Hinz et al., FEBS Letters 448, pp 57-61, "Recombinant human uncoupling protein-3 increases thermogenesis in yeast cells", (1999)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
**INFORMATION DISCLOSURE CITATION**

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INITIAL**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	BL	Hagen et al., FEBS Letters 454, pp. 201-206, Assessment of uncoupling activity of the human uncoupling protein 3..., (1999)
	BJ	Brown et al., FEBS Letters 464 pp. 189-193 "Endogenous mutations in human uncoupling protein 3 alter its functional properties", (1999)
	BK	Da-Wei Gong et al., The Journal of Biological Chemistry, vol. 275, No. 21, pp. 16251-16257 (2000)
	BL	Zhang et al., FEBS Letters 449, pp. 129-134, "Assessment of uncoupling activity of uncoupling protein 3 using yeast heterologous expression system" (1999)
	BM	Boss et al., Diabetes, Vol. 49, pp 143-156, "Perspectives in Diabetes", (2000)
	BN	Clapham et al., Nature, Vol. 406, pp 415-418, "Mice overexpressing human uncoupling protein-3 in skeletal muscle are hyperphagic and lean." (2000)
	BO	Argyropoulos et al., J. Clin. Invest., Vol. 102, No. 7, pp. 1345-1351 "Effects of Mutations in the Human Uncoupling Protein 3 Gene on the Respiratory Quotient ...." (1998)
	BP	Vidal-Puig et al., Biochemical and Biophysical research Communications, 235, pp 79-82, "UCP3: An Uncoupling Protein Homologue Expressed ....", (1997)
	BQ	Nordfors et al., Diabetologia 41, pp. 935-939, "Reduced gene expression of UCP2 but not UCP3 in skeletal muscle of human obese subjects" (1998)
	BR	Schrauwen et al., Diabetes, Vol. 48, pp 146-149, "Skeletal Muscle Uncoupling Protein 3 Expression Is a Determinant of Energy Expenditure in Pima Indians" (1999)
	BS	Muzzin et al., J Bioenerg Biomembr. 1999, Vol. 5, pp 467-73, "Uncoupling protein 3: its possible biological role and mode of regulation in rodents and humans". (1999)
	BT	Vidal-Puig et al., J. Biol. Chem. , 275(21): 16258-66 "Energy metabolism in uncoupling protein 3 gene knockout mice". (2000)
	BU	Lanouette et al., Mol Med. No. 7, pp 433-41 "Association between uncoupling protein 3 gene and obesity related phenotypes in the Quebec Family Study" (2001)
	BV	

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1633**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	US 6,620,594 B1	09/16/03	Glacobino et al.	C12P	21/06	05/05/98
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES      NO
	AM	WO 96/05861	2/29/96	World			<input type="checkbox"/> <input type="checkbox"/>
	AN	WO 98/39432	9/11/98	World			<input type="checkbox"/> <input type="checkbox"/>
	AO	WO98/454313	10/15/98	World			<input type="checkbox"/> <input type="checkbox"/>
	AP	WO 98/45438	10/15/98	World			<input type="checkbox"/> <input type="checkbox"/>
	AQ	WO 98/52958	11/26/98	World			<input type="checkbox"/> <input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

AR	Boss et al., FEBS letters 408, pp 39-42 (1997)
AS	Vidal-Puig et al., Biochem. Biophys. Res. Commun., Vol. 235(1) pp 79-82 (1997)
AT	DA-WEI Gong et al., Journal of Biological Chemistry. Vol. 272, No. 39, pp. 24129-24132, "Uncoupling Protein-3 Is a Mediator of Thermogenesis Regulated by Thyroid Hormone, beta3-Adrenergic Agonists, and Leptin"

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